

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 09224895
PUBLICATION DATE : 02-09-97

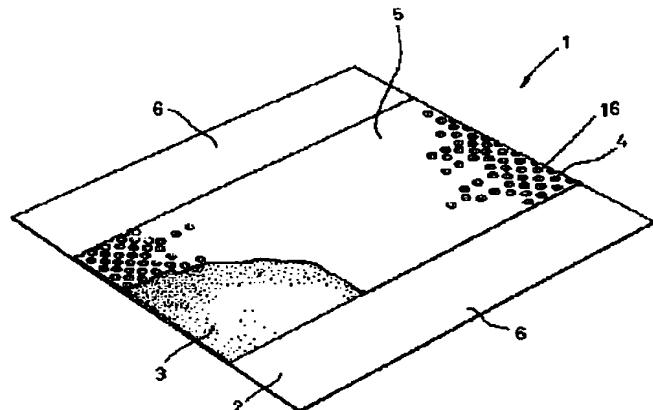
APPLICATION DATE : 28-02-96
APPLICATION NUMBER : 08067317

APPLICANT : UNI CHARM CORP;

INVENTOR : TOMITA KATSUJI;

INT.CL. : A47L 13/16

TITLE : SHEET FOR CLEANING



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a sheet for cleaning which has the excellent holding power of dust and slips well on a floor surface by boring a relatively weakly tacky adhesive or non-tacky adhesive sheet with many through-holes and joining the sheet to a relatively strongly tacky adhesive sheet.

SOLUTION: The sheet 1 for cleaning is composed of a base material sheet 2 made of a non-woven fabric, an intermediate sheet 3 which is tacky adhesive on both front and rear surfaces and a front surface sheet 5 of a meshed fabric which is weaker in tacky adhesiveness than the sheet 3 or has no tacky adhesion at all. The front surface sheet 5 has the many through-holes 4 and the tacky adhesive surface on the front surface side of the intermediate sheet 3 faces the through-holes 4. The relatively light dirt, such as dust, is entangled with the non-woven fabric fibers constituting the front surface sheet 5 of the sheet 1 for cleaning constituted in such a manner and if the front surface sheet 5 has the tacky adhesion, the dirt is captured by the tacky adhesiveness. The relatively heavy dirt, such as sand grains, having the shapes to be hardly entangled with the fibers is admitted into the through-holes 4 of the front surface sheet 5 and is captured by the tacky adhesive surface of the intermediate sheet 3 in the through-holes 4.

COPYRIGHT: (C)1997,JPO